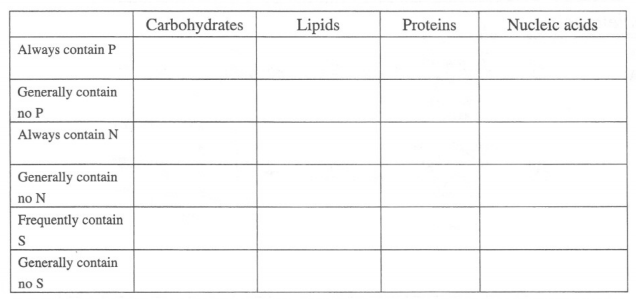
Name: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Date: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ Period: \_\_\_\_\_

**Macromolecules: The Final REVIEW!**

Ms. OK, AP Biology

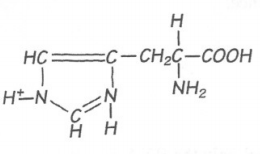
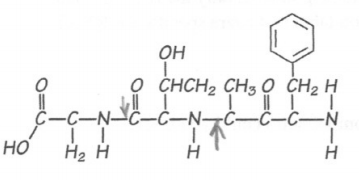
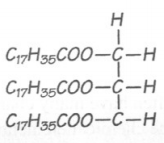
1. Identify the elements found in each of the macromolecules by filling in the chart given below.

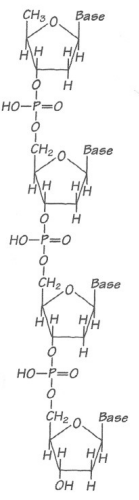
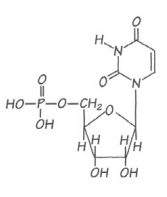


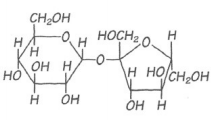
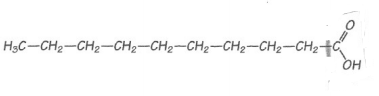
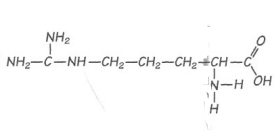
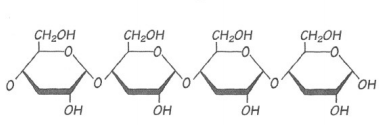
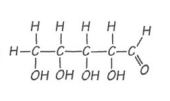
1. For each of the functional groups listed in the chart below, name the functional group and place a checkmark in the appropriate column to indicate the macromolecules in which that functional group is found.

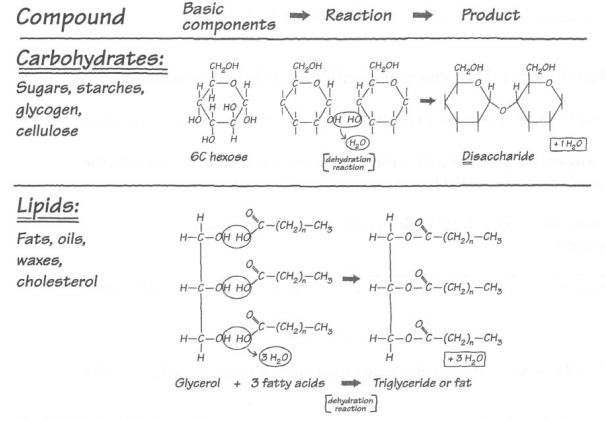
|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Functional Group | Name | Carbohydrates | Lipids | Proteins | Nucleic Acids |
| -OH |  |  |  |  |  |
| -C=O |  |  |  |  |  |
| -SH |  |  |  |  |  |
| -COOH |  |  |  |  |  |
| -NH2 |  |  |  |  |  |
| -PO42- |  |  |  |  |  |

1. Identify each of the following molecules as carbohydates, lipids, proteins, or Nucleic Acids. Also, identify whether the image is an example of a monomer or polymer by writing an “M” for monomer and a “P” for polymer. (The images on the bottom of the back of this page should help!)





**Helpful Images:** These are just for your reference. You do not need to DO anything with them!



*\*\*\*Thank you to Practicing Biology (Pearson Education) and Mr. David Knuffke*

